

Practitioner's Docket No. BH-003-PUS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Huimin Kong, Yan Xu

for *Helicase-Dependent Amplification of Circular Nucleic Acids*, the specification of which is being transmitted herewith.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
2. Copies of Listed Information Items Accompanying This Statement
3. Identification of Person(s) Making This Information Disclosure Statement

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

X deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

☐ with sufficient postage as first class mail.

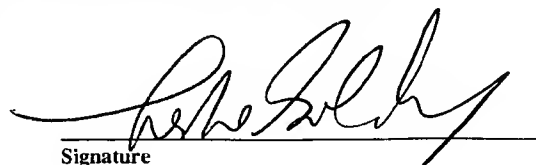
37 C.F.R. § 1.10*

X as "Express Mail Post Office to Addressee"

Mailing Label No. EQ 611795100 US (mandatory)

TRANSMISSION

☐ facsimile transmitted to the Patent and Trademark Office, (571) 273 - 8300.


Signature

Date: 25 September 2006

Leslie Goldberg

(type or print name of person certifying)

* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Section 1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)

(Insert form(s) PTO/SB/08A [Form 6-2] and/or form(s) PTO/SB/08B [Form 6-2.1].)

Section 2. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

AA-AG (copies not enclosed); CA; BA-BU

10/594095

SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kong et al. Attorney Docket: BH-003-PUS

Serial No: Not yet assigned Art Group Unit: Not yet assigned

Date Filed: Herewith Examiner Name: Not yet assigned

Invention: Helicase-Dependent Amplification of Circular Nucleic Acids

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Inventor	Class/Subclass
	AA	US 4,683,195	07/28/1987	Mullis et al.	C12Q 1/68
	AB	US 4,683,202	07/28/1987	Mullis	C12P 19/34
	AC	US 4,800,159	01/24/1989	Mullis et al.	C12N 15/00
	AD	US 2004-0058378 A1	03/25/2004	Kong et al.	C12Q 1/68
	AE	US 5,455,166	10/03/1995	Walker	C12P 19/34
	AF	US 5,470,723	11/28/1995	Walker et al.	C12Q 1/68
	AG	US 5,354,668	10/11/1994	Auerbach	C12Q 1/68

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Applicant	Class/Subclass
	CA	International Search Report	12 August 2005	BioHelix Corp.	

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	BA	Dean, et al.	Genome Res. 11: 1095-1099 (2001).
	BB	Fire, et al.	Proc. Natl. Acad. Sci. USA 92: 4641-4645 (1995).
	BC	Kim, et al.	J. Mol. Biol. 321: 807-819 (2002).
	BD	Kim, et al.	J. Biol. Chem. 267: 15032-15040 (1992).
	BE	Kornberg, et al.	DNA Replication, W.H. Freeman and Company, NY, NY, 2 nd edit., Chapter 11 (1992). (other sections available upon request)
	BF	Korpela, et al.	Nuc. Acid Res. 19: 4967-4973 (1991).
	BG	Lechner, et al.	J. Biol. Chem. 258: 11185-11196 (1983).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CB/

10/594095

	BH	Lizardi, et al.	Nature Genetics 19: 225-232 (1998).
	BI	Lui, et al.	J. Am. Chem. Soc. 118: 1587-1594 (1996).
	BJ	Mechanic, et al.	J. Biol. Chem. 275: 38337-38346 (2000).
	BK	Mendez, et al.	BioEssays 25:1158-1167 (2003)
	BL	Nilsson, et al.	Science 265: 2085-2088 (1994).
	BM	Notarnicola, et al.	J. Biol. Chem. 272: 18425-18433 (1997).
	BN	Sano, et al.	Science 258: 120-122 (1992).
	BO	Schweitzer, et al.	Proc. Natl. Acad. Sci. USA 97: 10113-10119 (2000).
	BP	Studier	Virology 95: 70-84 (1979).
	BQ	Tabor, et al.	J. Biol. Chem. 264: 6647-6658 (1987).
	BR	Tinsley, et al.	J. Bacteriology 186: 2717-2723 (2004).
	BS	Yamaguchi, et al.	J. Biol. Chem. 273: 9197-9201 (1998).
	BT	Yu, et al.	J. Bacteriol. 183: 1862-1869 (2001).
	BU	Zhang, et al.	Gene 211: 277-285 (1998).

Examiner Signature: /Christopher Babic/

Date Considered: 03/15/2010

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

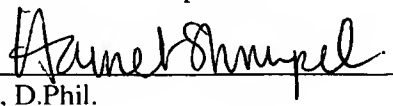
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CB/

Section 3. Identification of Person Making This Information Disclosure Statement

The person making this certification is:

- a. the practitioner who signs below on the basis of the information in the practitioner's file.

Date: 25 September 2006



Harriet M. Strimpel, D.Phil.
Registration No. 37,008
New England Biolabs, Inc.
240 County Road
Ipswich, MA 01938
US
978-380-7373
Customer No. 28986